

Handout Measurements

Couple different plots to characterize the Demonstrator

Autoren:

Jonas Künzli

Marina Homs

Rene Zurbrügg

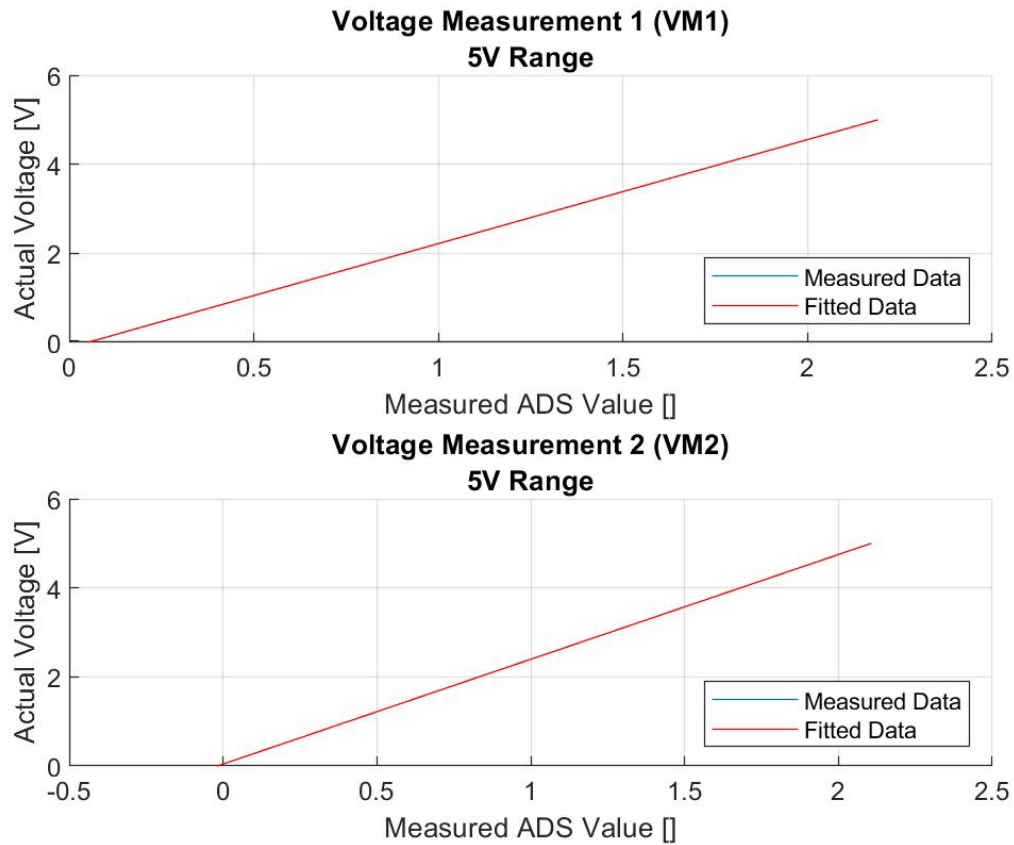
June 2019

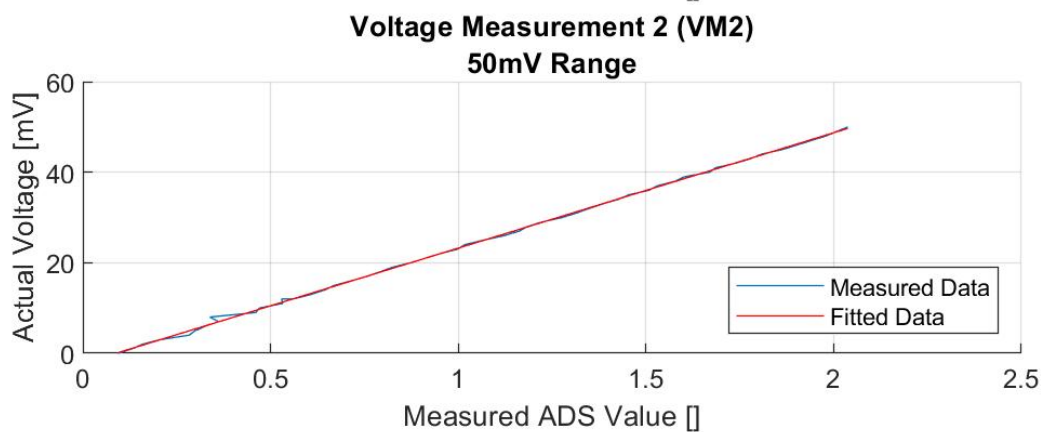
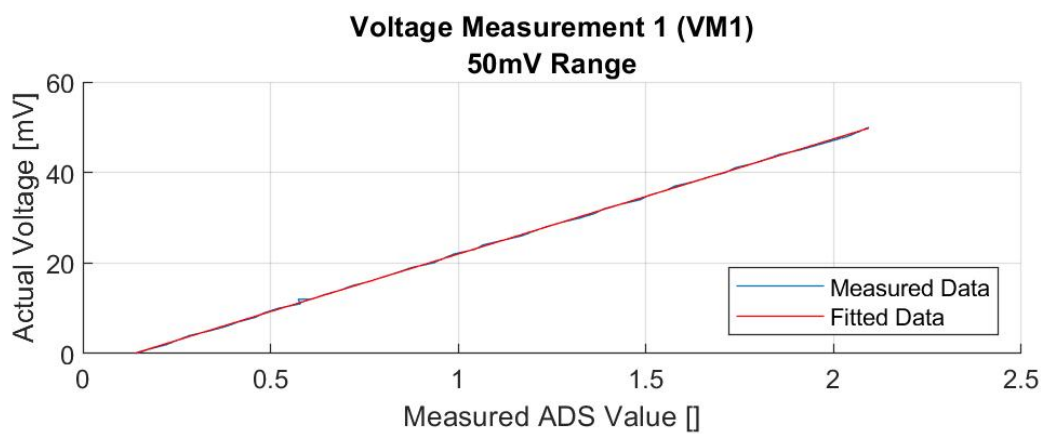
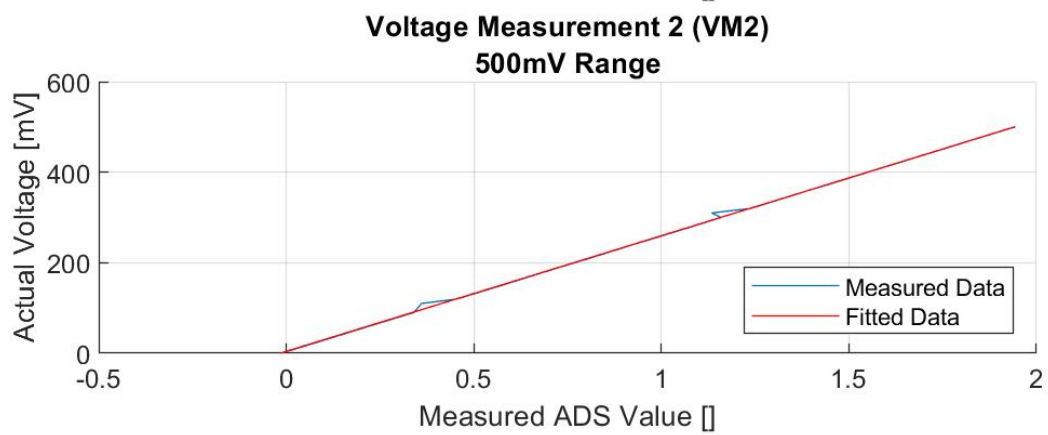
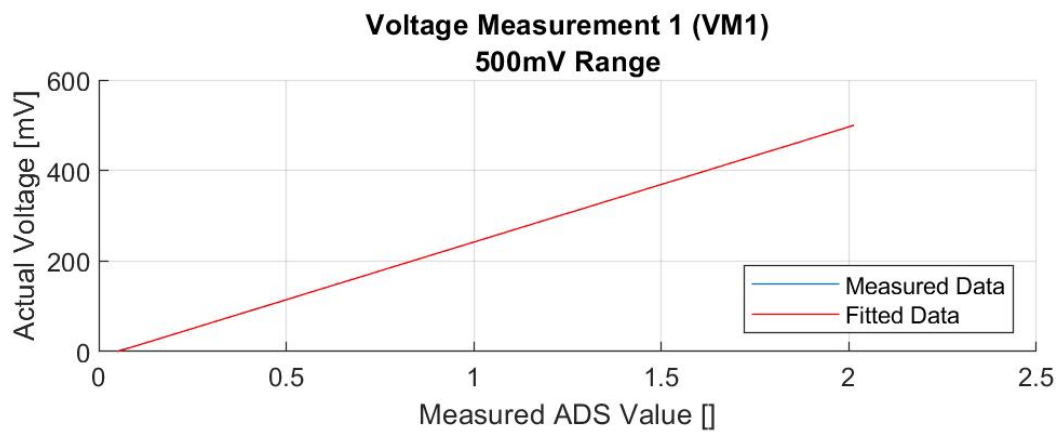
Contents

1	Calibration	3
1.1	Voltage	3
1.2	Current	5
2	Output Current vs. Output Voltage	6
2.1	Precision Supply	6
2.2	Variable Supply	7
2.3	Body Bias	8
3	Load Response	10
3.1	Precision Supply 1	10
3.2	Precision Supply 2	11
3.3	Variable Supply 1	13
3.4	Variable Supply 2	15
3.5	Variable Supply 3	17
4	Measurements	19
4.1	Voltage	19
4.1.1	VM 1	19
4.1.2	VM 2	20
4.2	Current	21
4.2.1	CM 3	21
4.2.2	CM 4	22

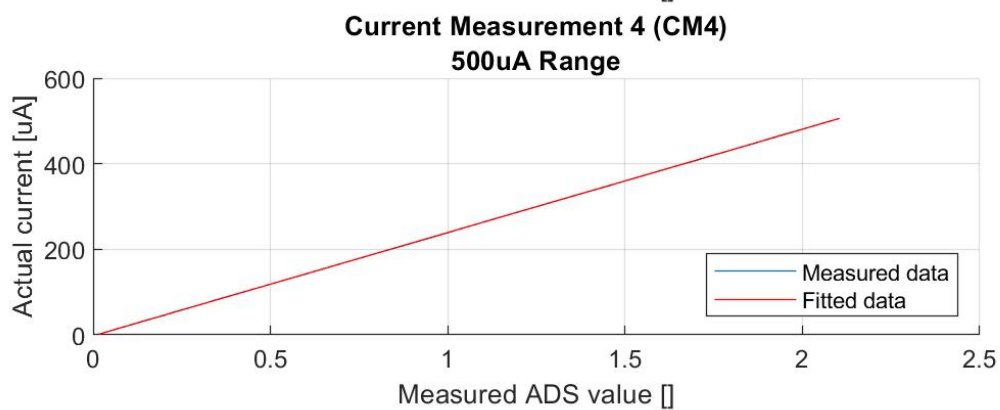
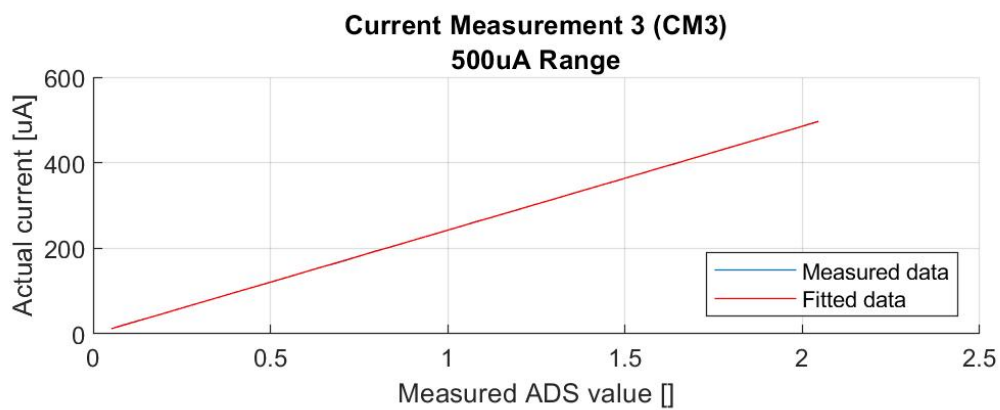
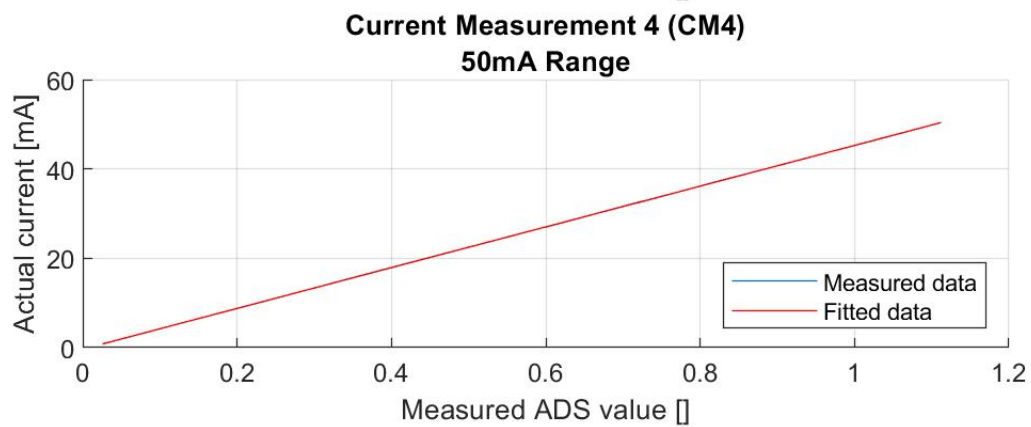
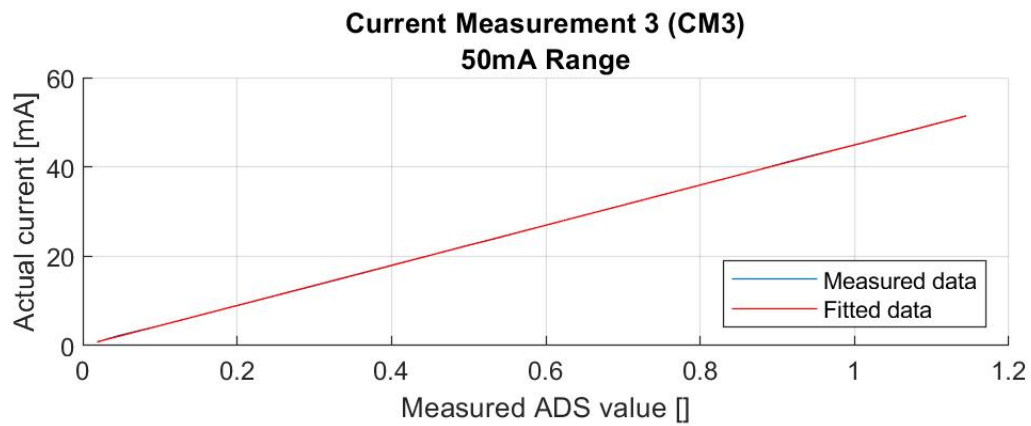
1 Calibration

1.1 Voltage



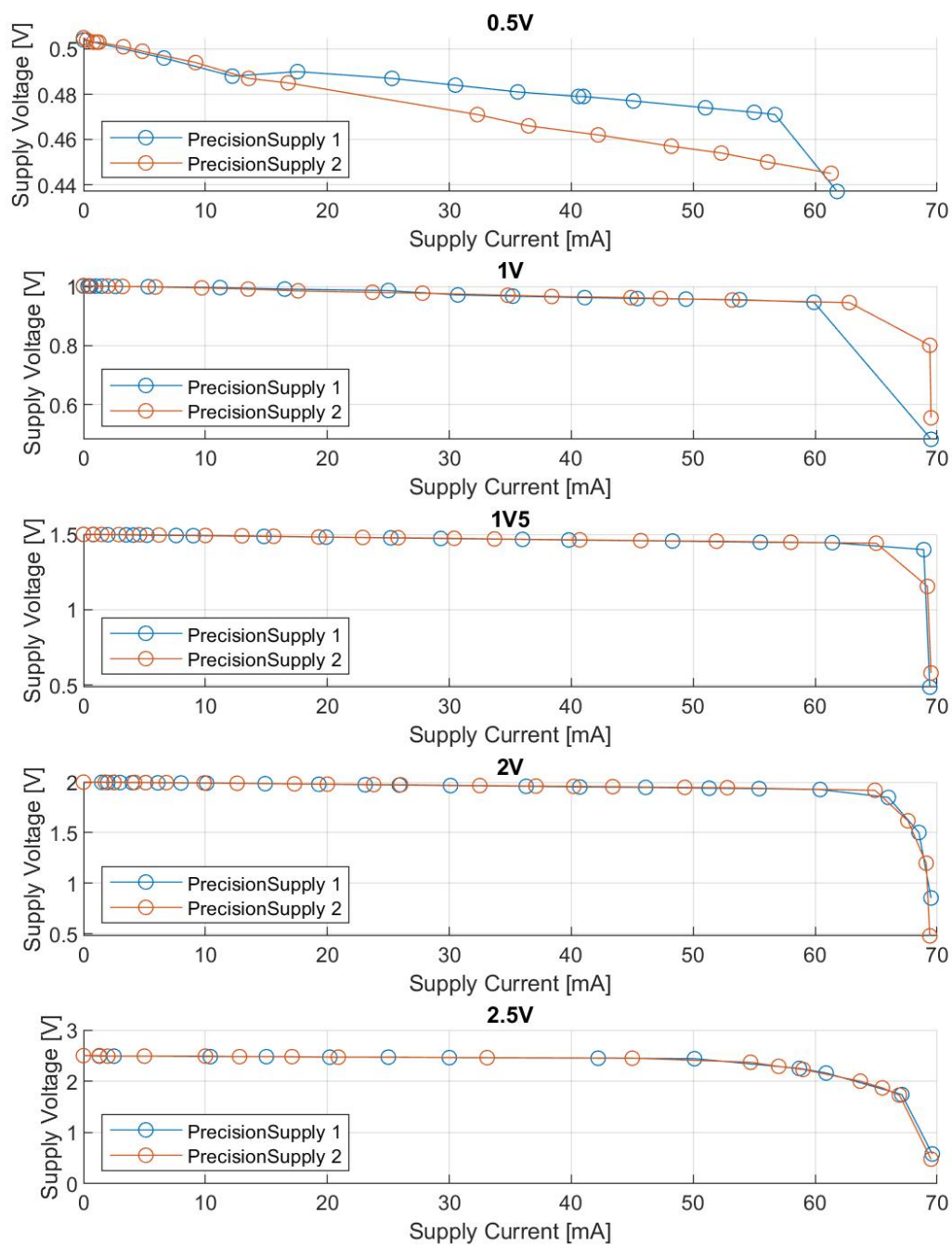


1.2 Current

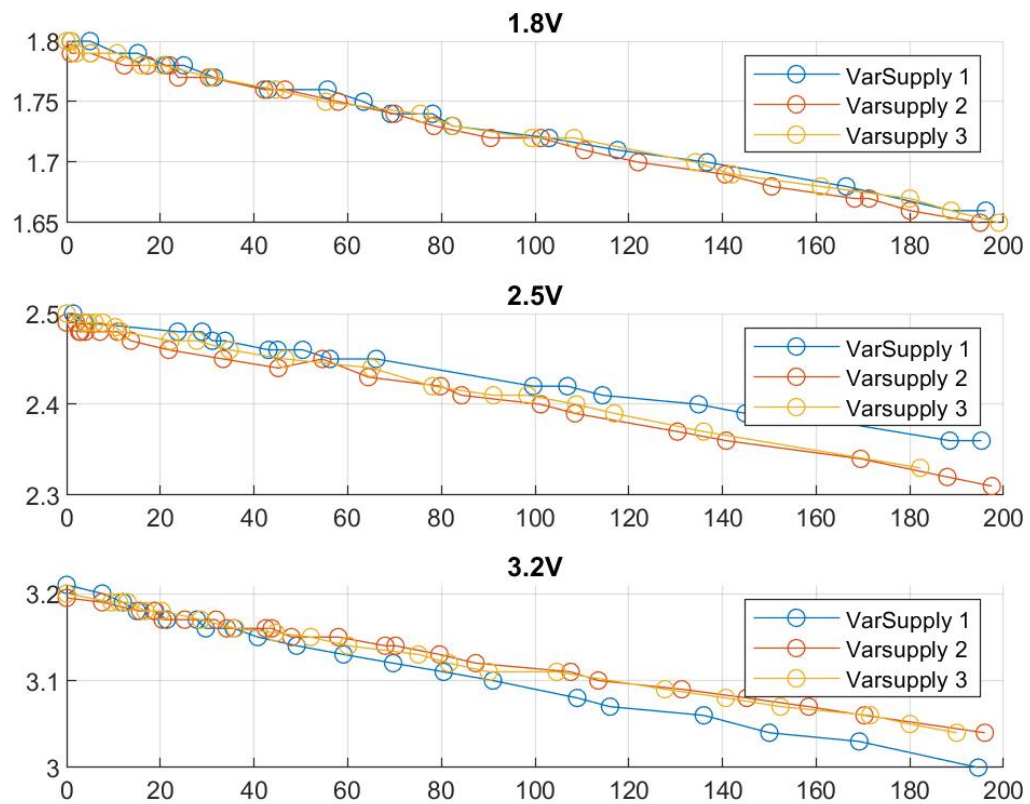


2 Output Current vs. Output Voltage

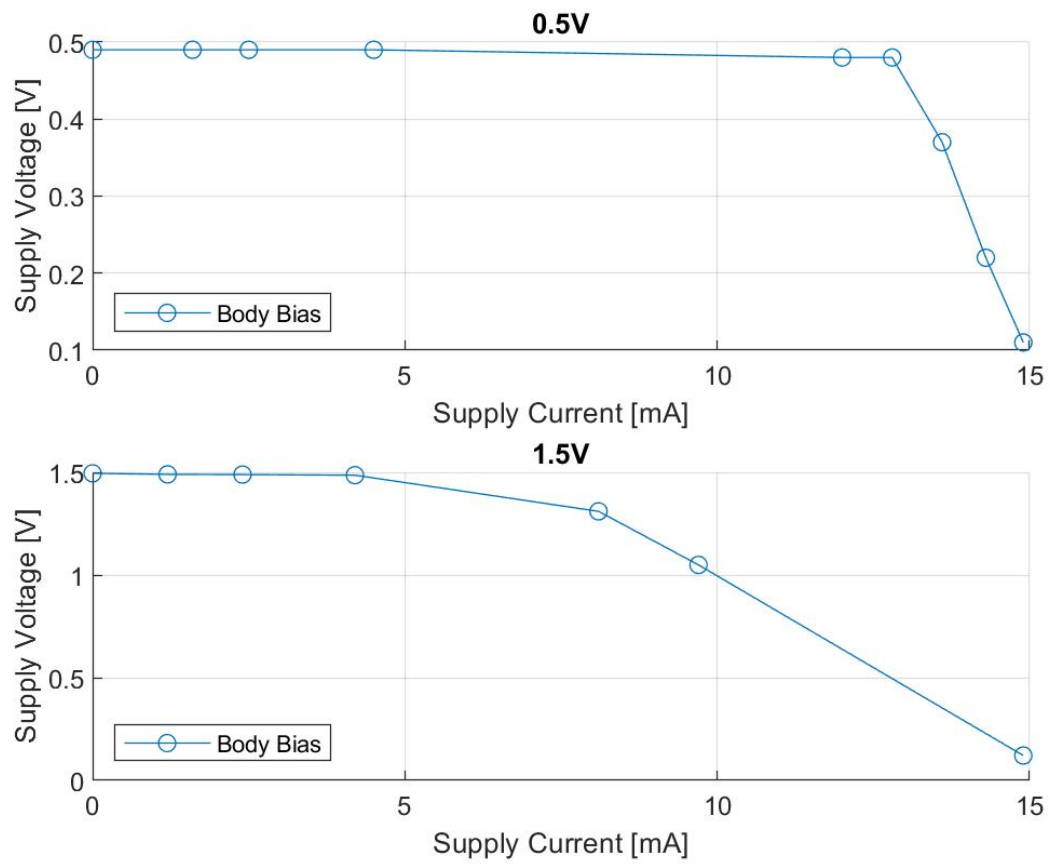
2.1 Precision Supply

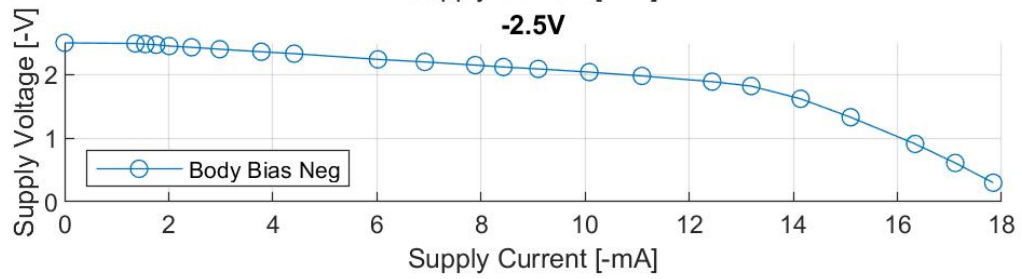
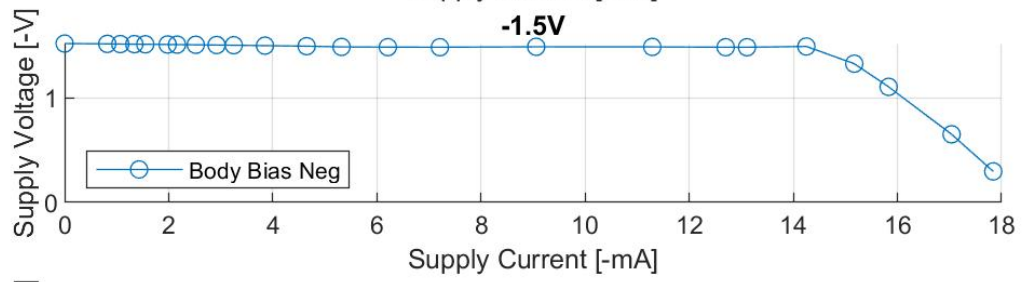
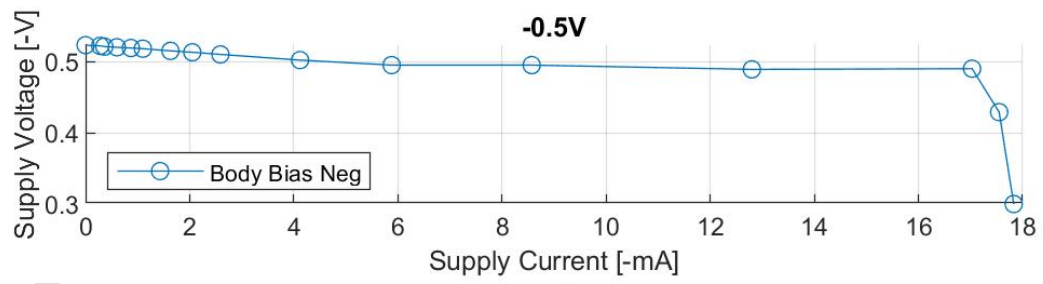


2.2 Variable Supply



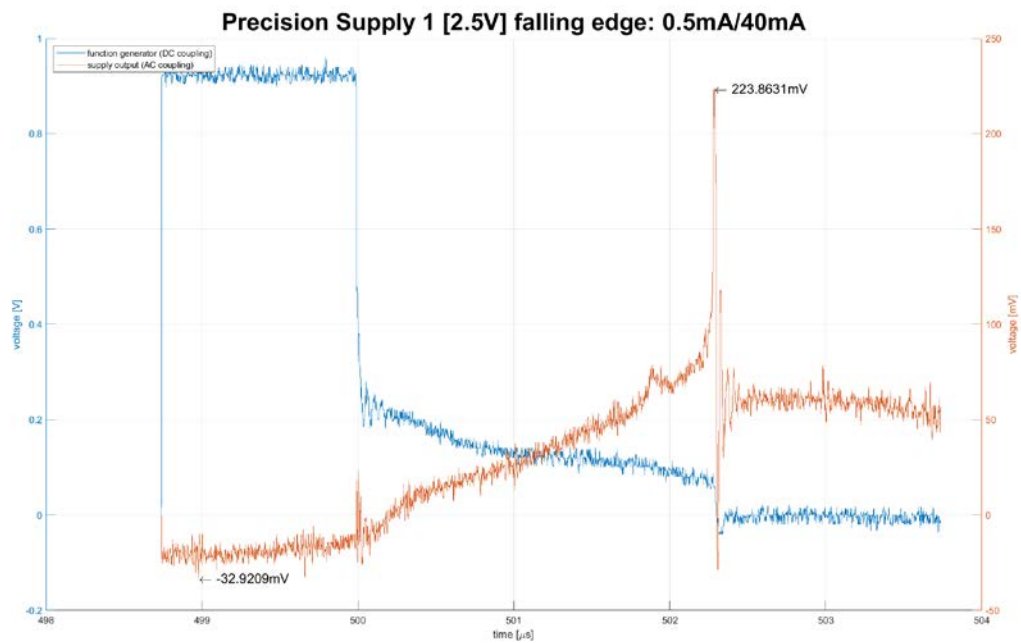
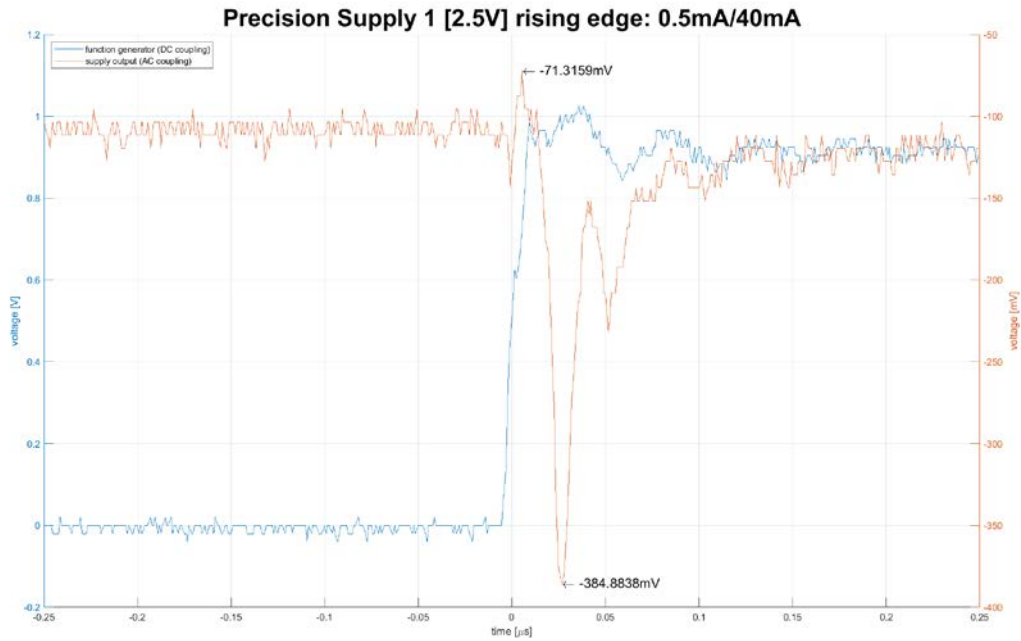
2.3 Body Bias

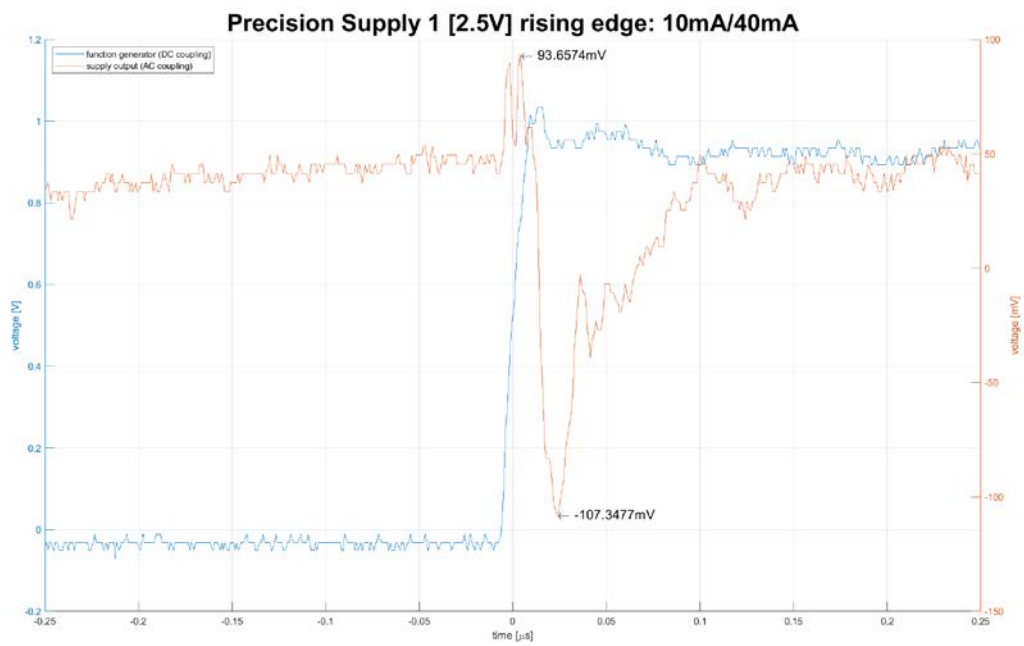




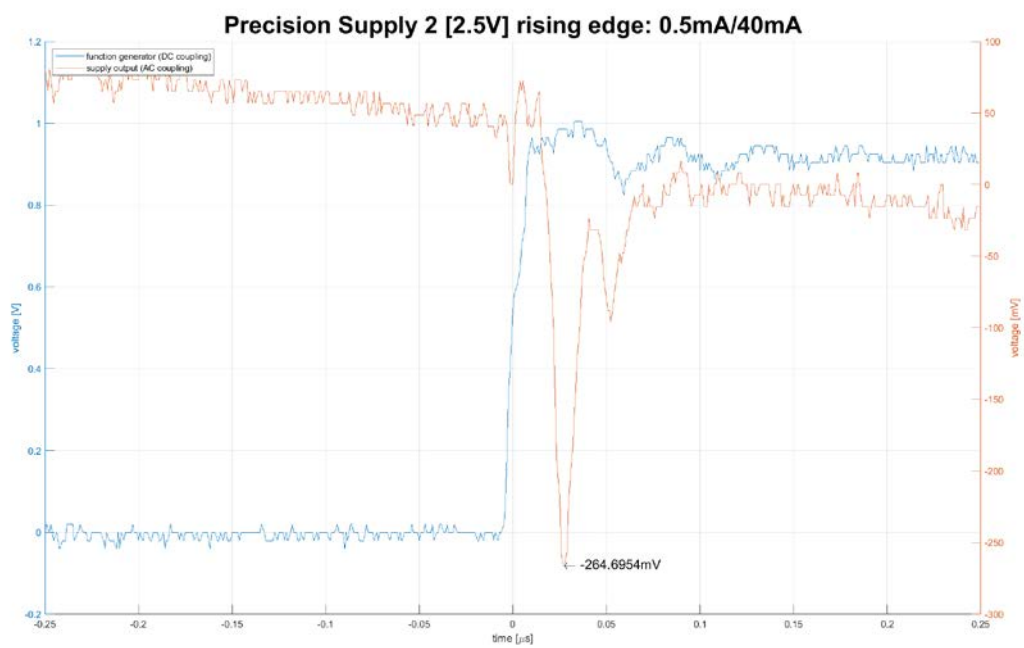
3 Load Response

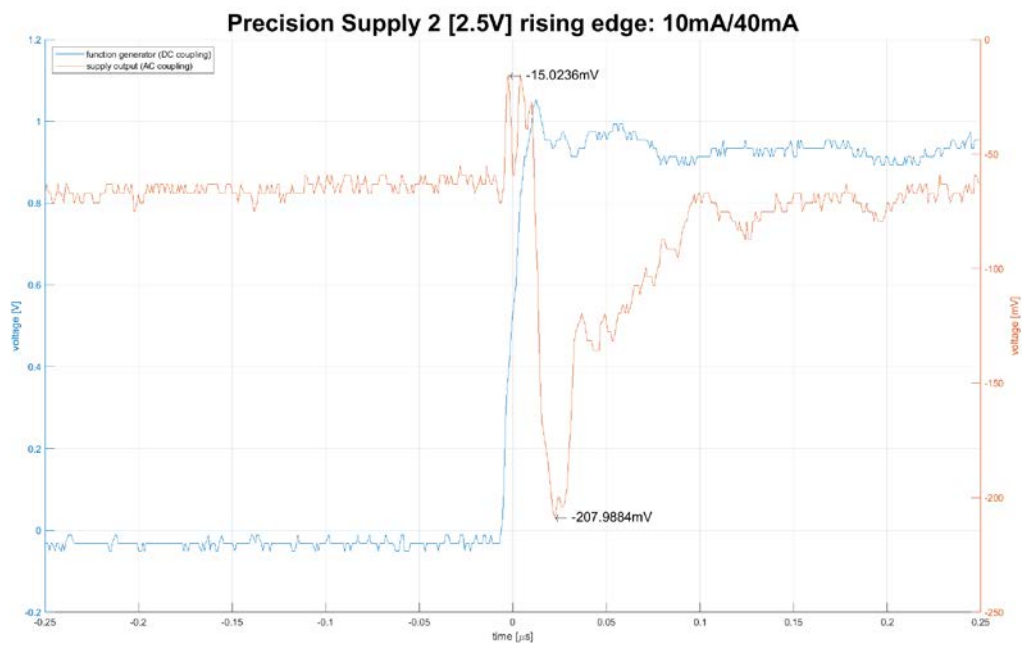
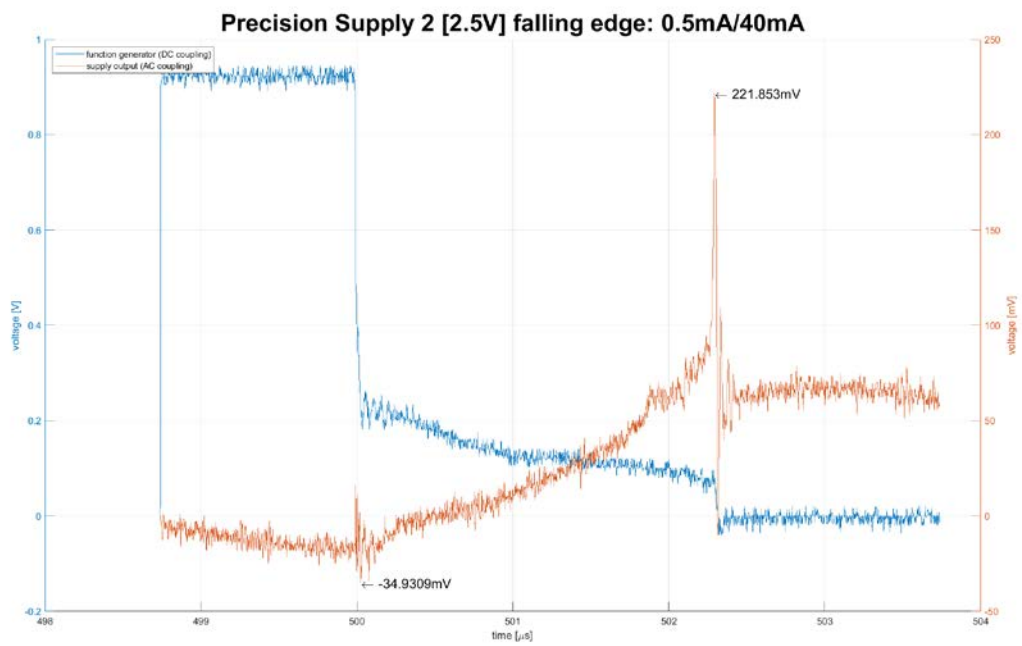
3.1 Precision Supply 1



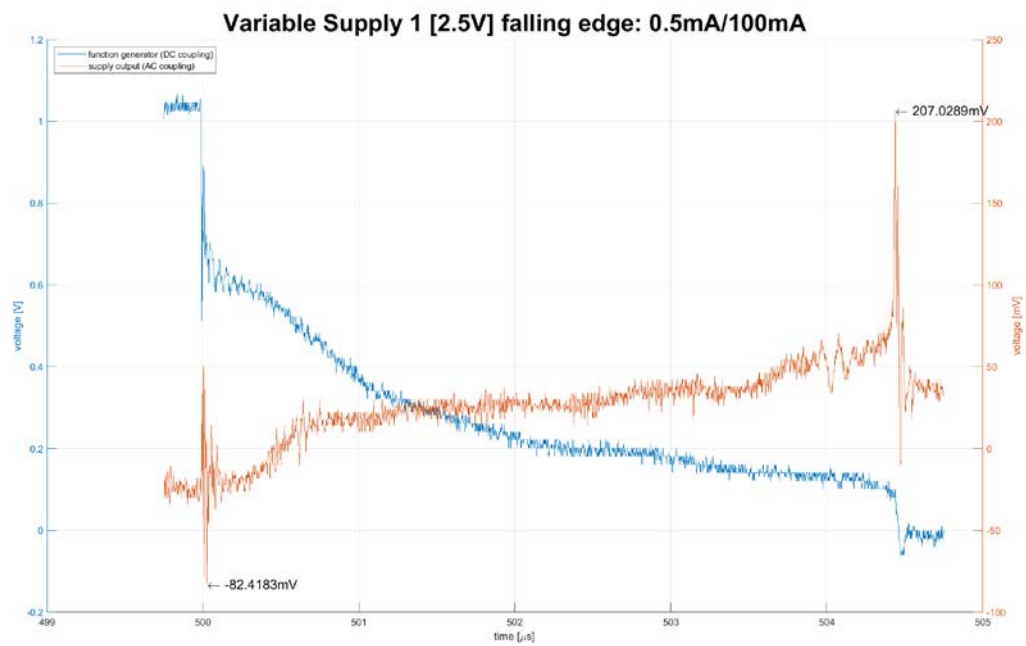
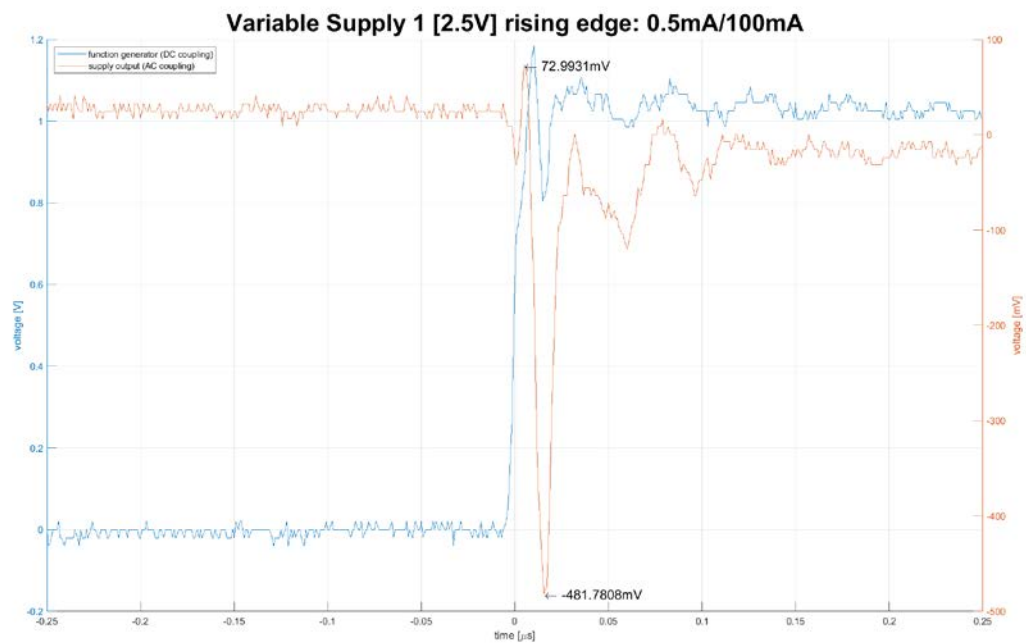


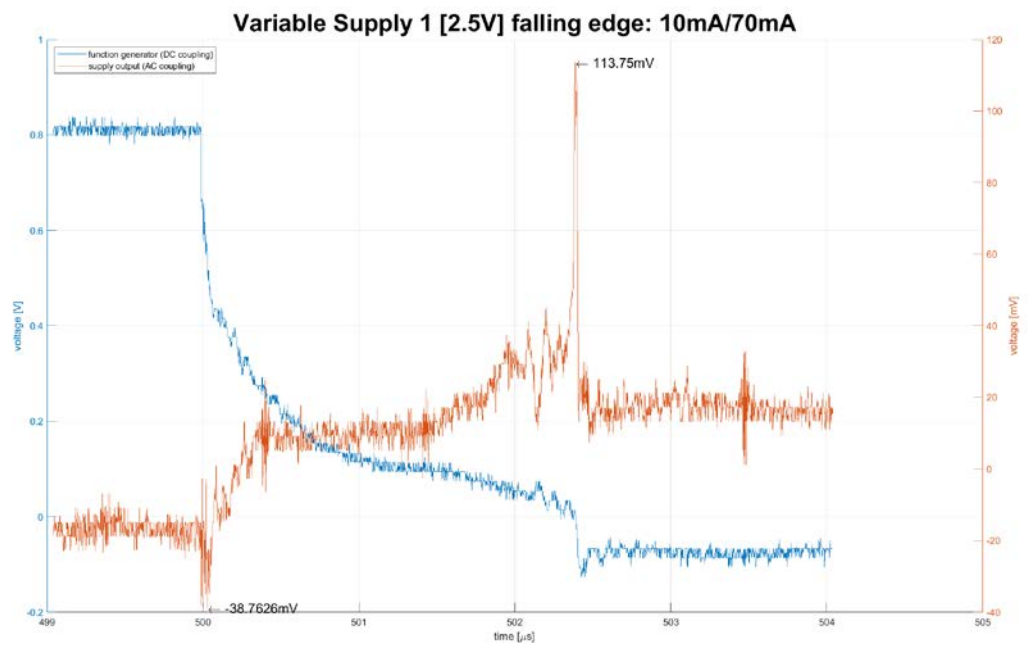
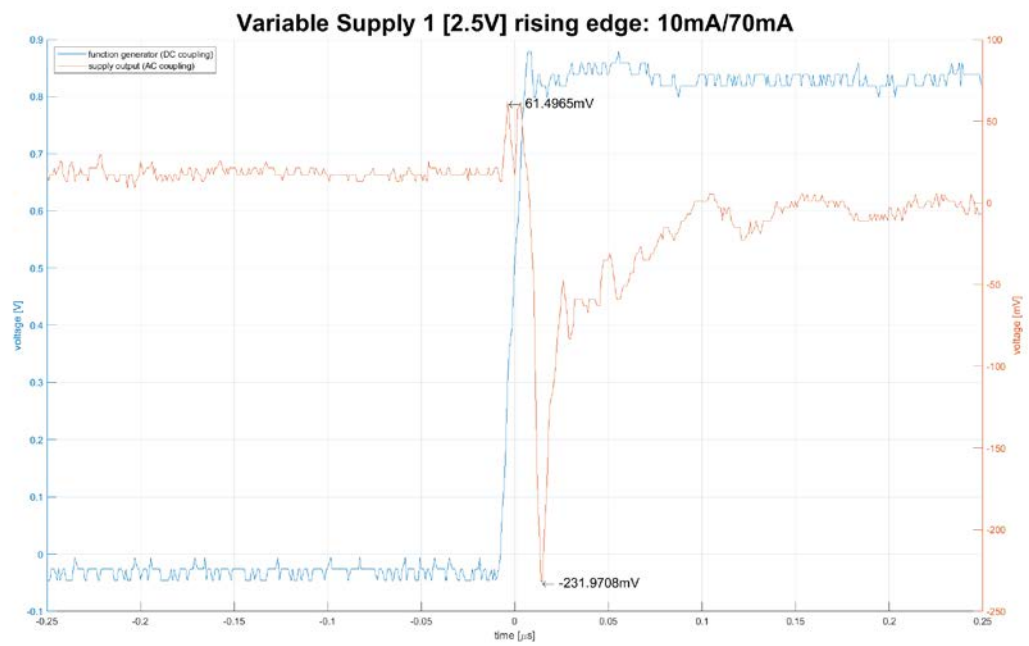
3.2 Precision Supply 2



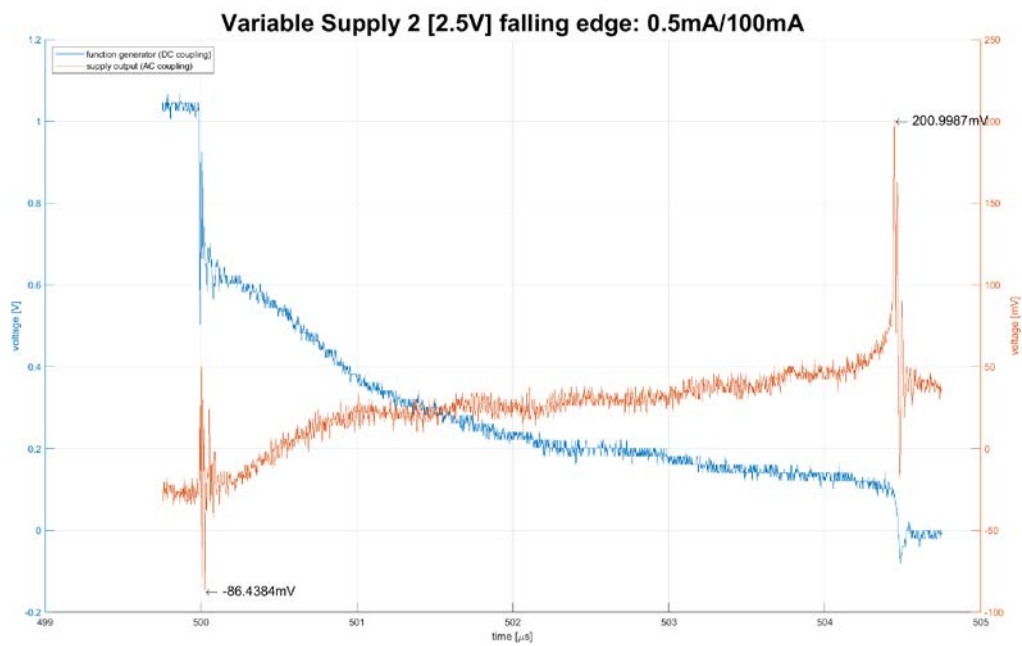
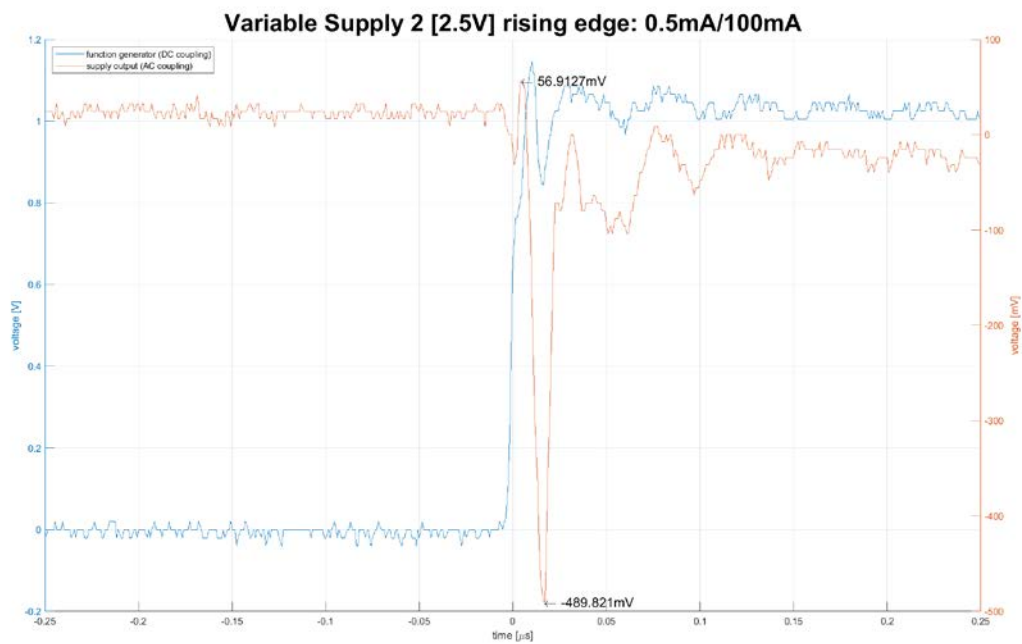


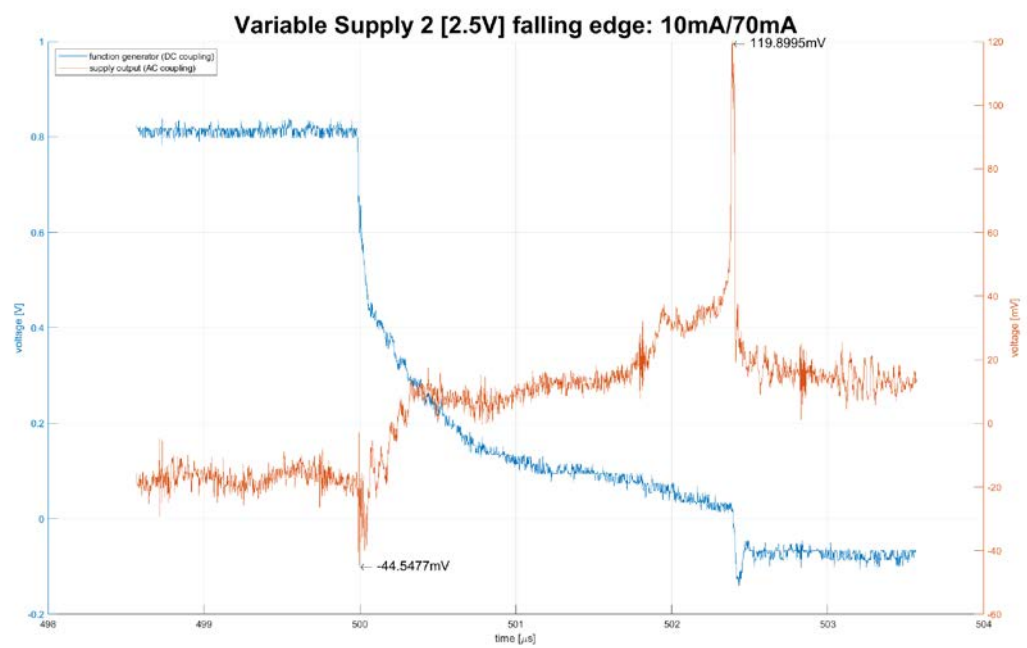
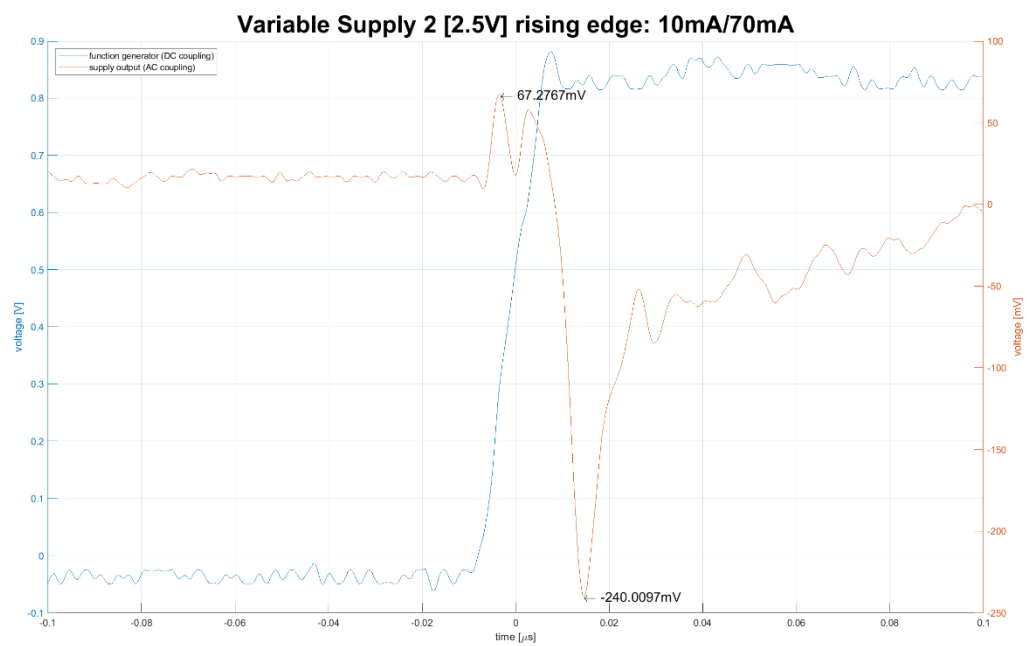
3.3 Variable Supply 1



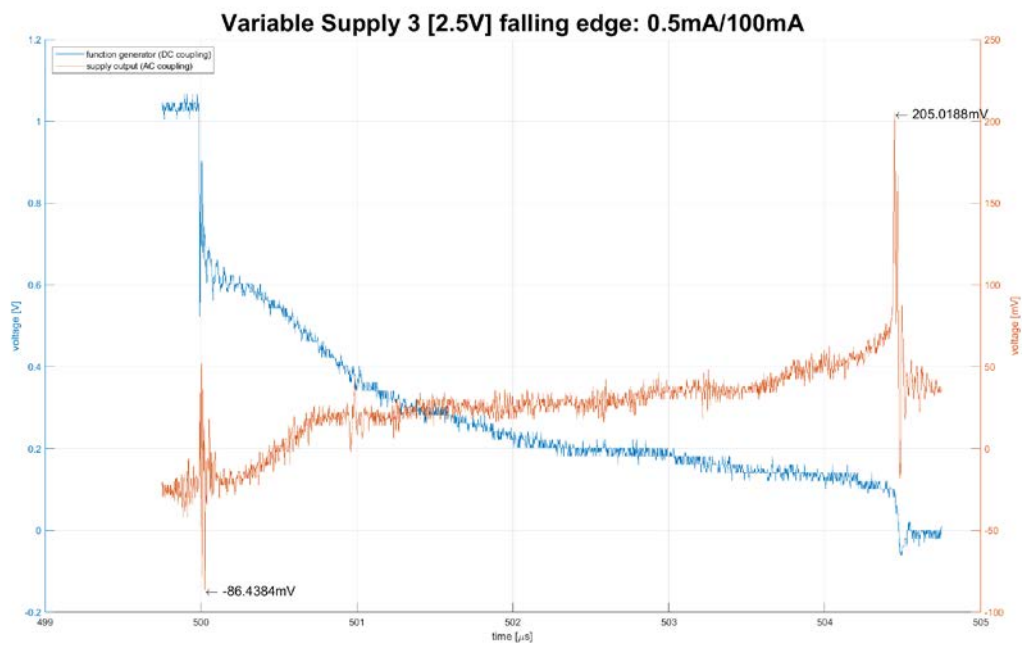
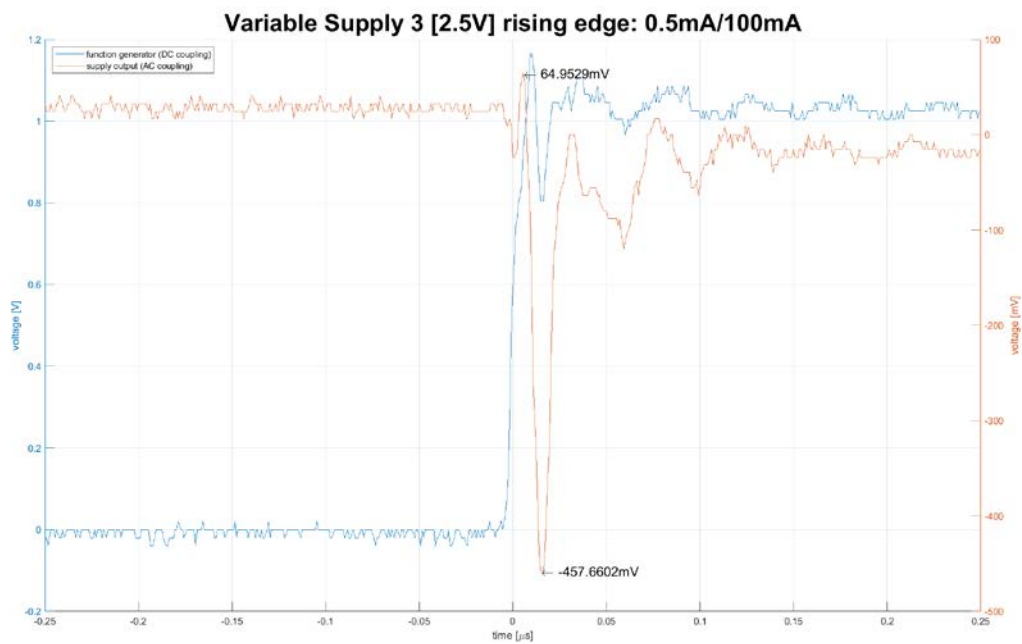


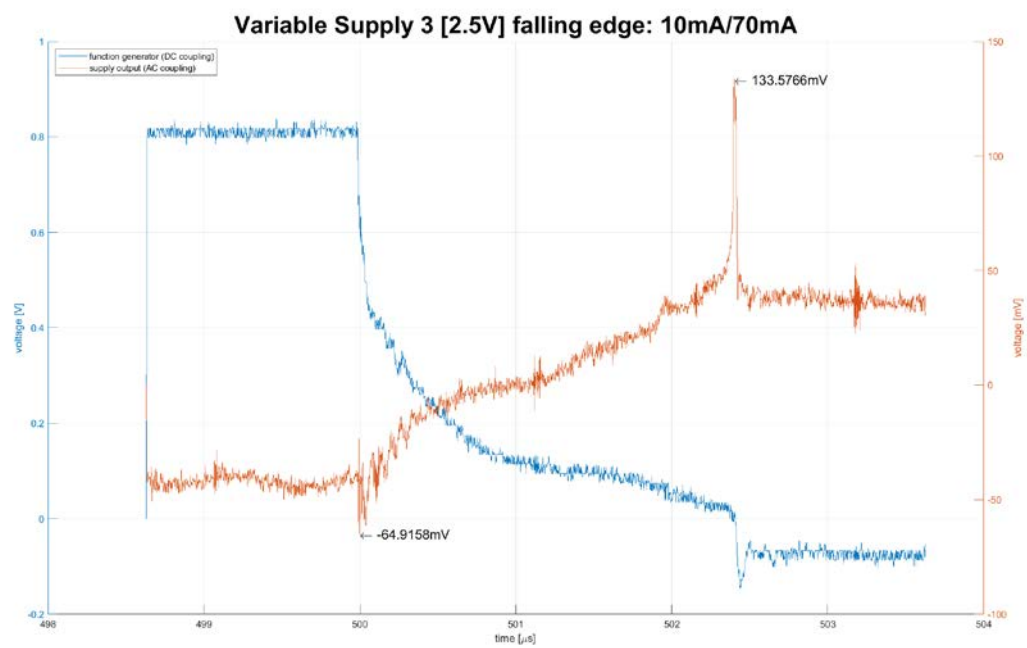
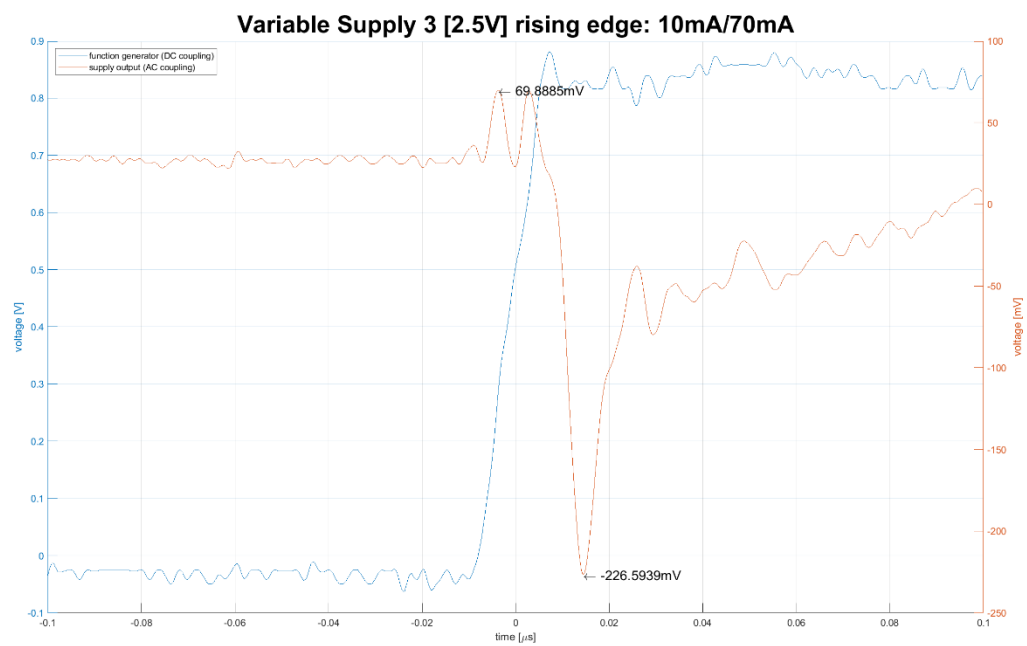
3.4 Variable Supply 2





3.5 Variable Supply 3

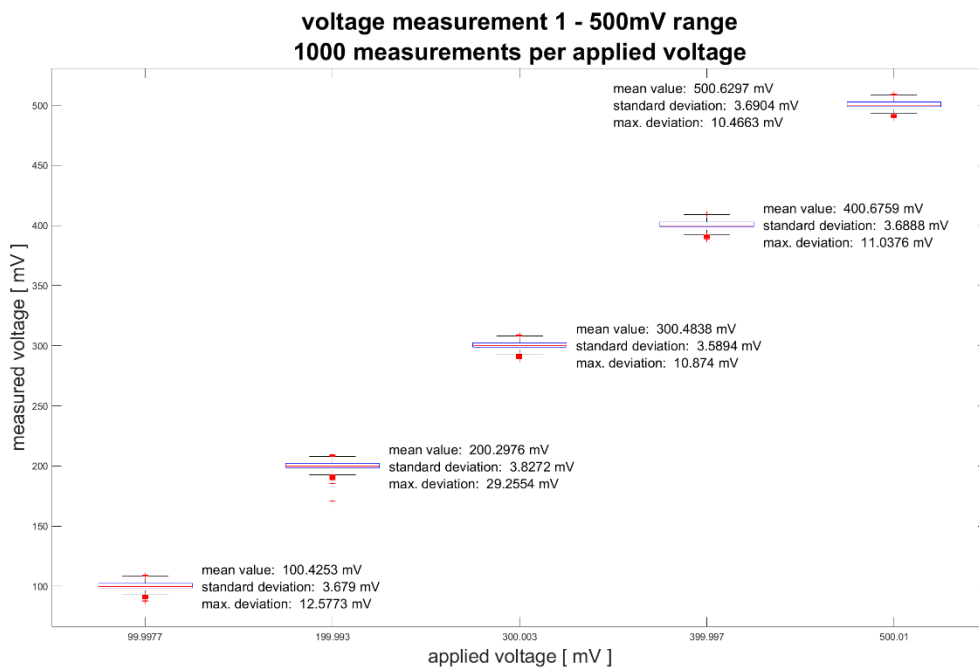
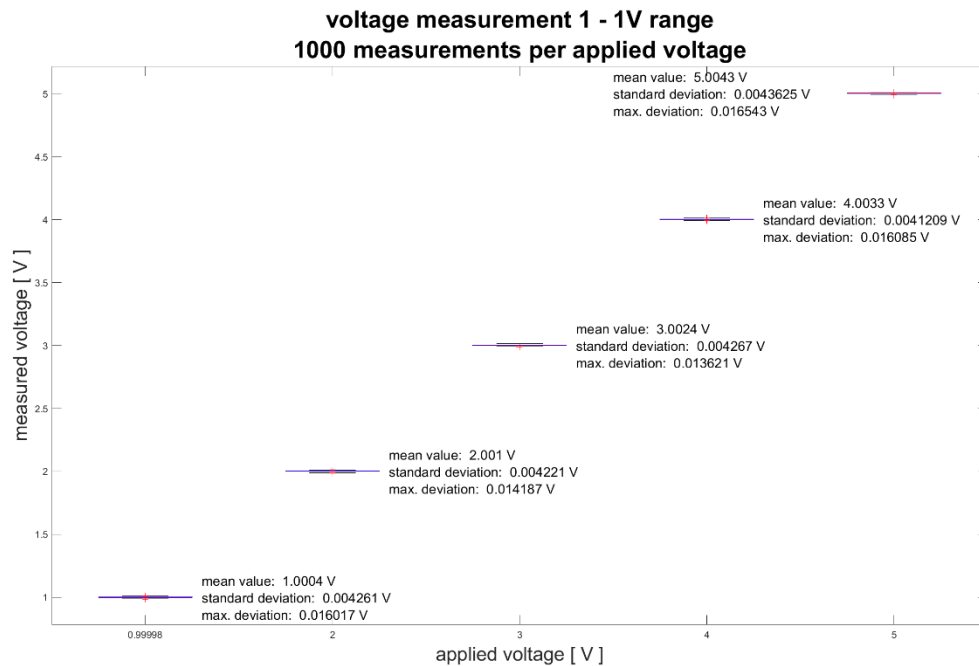




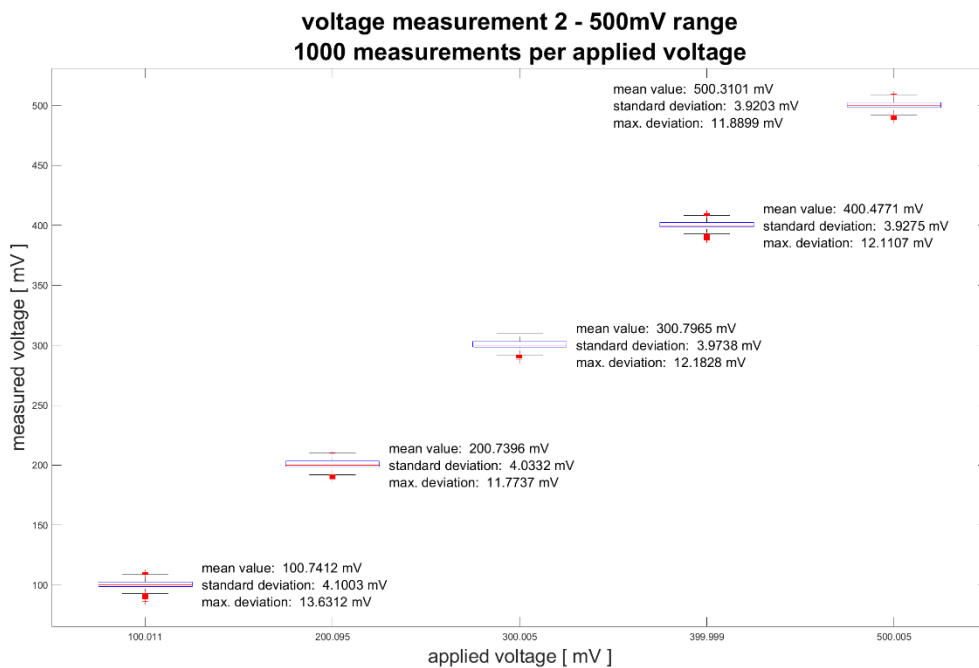
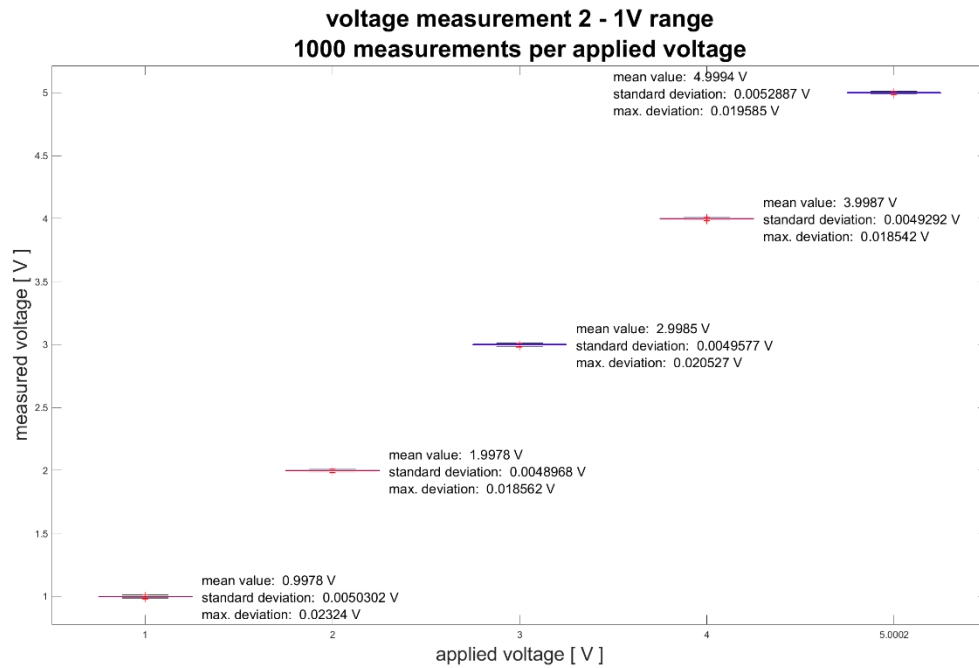
4 Measurements

4.1 Voltage

4.1.1 VM 1

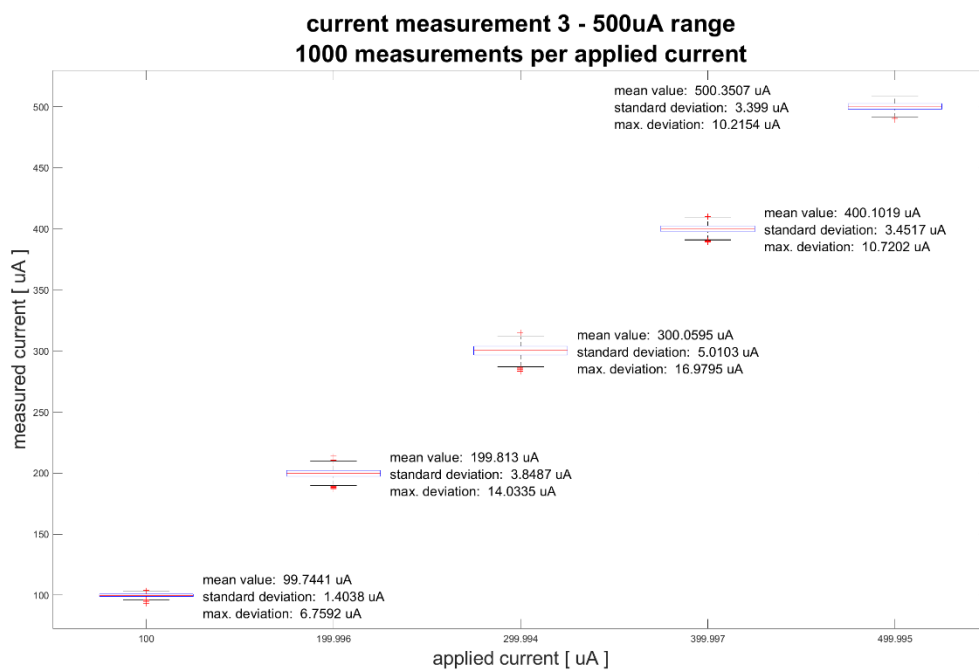
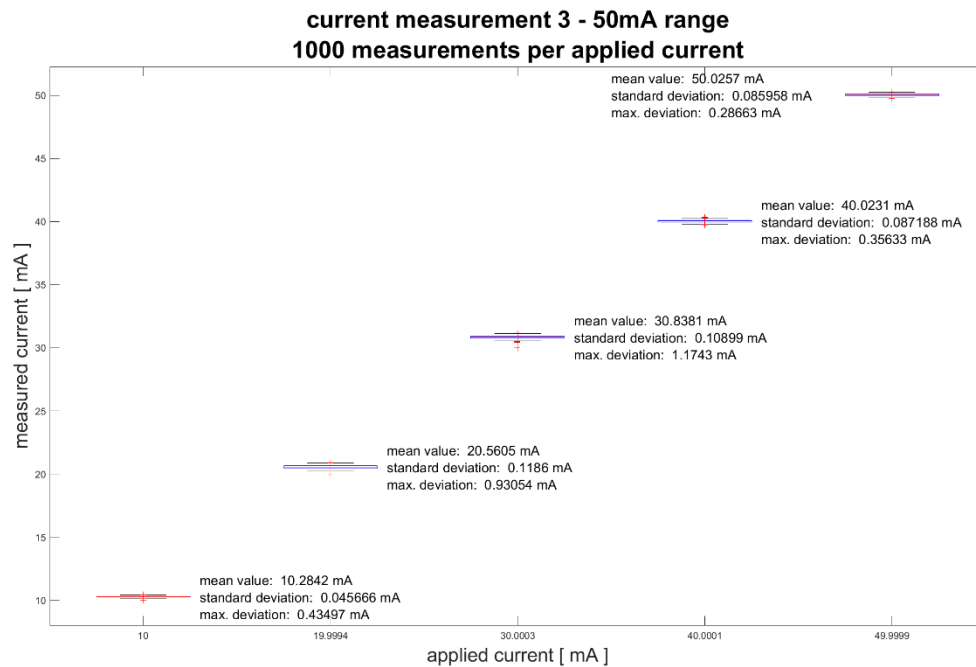


4.1.2 VM 2



4.2 Current

4.2.1 CM 3



4.2.2 CM 4

